

Rabbit TNK1 Polyclonal Antibody | anti-TNK1 antibody

TNK1 Antibody (Center)

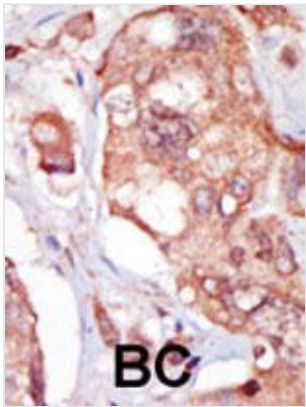
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287819	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

TNK1; Polyclonal Antibody; TNK1 Antibody (Center); Non-receptor tyrosine-protein kinase TNK1; CD38 negative kinase 1; TNK1 {ECO:0000312|EMBL:AAC994121}; anti-TNK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TNK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 256-286 amino acids from the Central region of human TNK1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.29 (varies by lot)
Sequence Positions	256-286
Sequence Length	661
Applicable Applications for anti-TNK1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-TNK1 pab in Hela cell line lysate. Dilution of anti-TNK1 was 1:100; dilution of secondary antibody (goat anti-rabbit-HRP) was 1:7000. Data and protocol courtesy of Dr. Richard Lu, Partners HealthCare System at Harvard University.

ADDITIONAL INFORMATION

Related Product Information for anti-TNK1 antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the γ phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains.
Product Categories/Family for anti-TNK1 antibody	Signal Transduction
References	Blume-Jensen P, et al. Nature 2001. 411: 355. Cantrell D, J. Cell Sci. 2001. 114: 1439. Jhian S Oncogene 2000. 19: 5590. Manning G, et al. Science 2002. 298: 1912. Moller, D, et al. Am. J. Physiol. 1994. 266: C351-C359. Robertson, S. et al. Trends Genet. 2000. 16: 368. Robinson D, et al. Oncogene 2000. 19: 5548. Van der Ven, P, et al. Hum. Molec. Genet. 1993. 2: 1889. Vanhaesebroeck, B, et al. Biochem. J. 2000. 346: 561. Van Weering D, et al. Recent Results Cancer Res. 1998. 154: 271.

NCBI AND UNIPROT INFORMATION

NCBI GI #	353677981
NCBI GeneID	8711
NCBI Accession #	NP_001238831.1; NP_003976.2
NCBI GenBank Nucleotide #	NM_001251902.1
UniProt Accession #	Q13470; O95364; Q8IYI4
Molecular Weight	72468
NCBI Official Full Name	non-receptor tyrosine-protein kinase TNK1 isoform 1
NCBI Official Synonym Full Names	tyrosine kinase, non-receptor, 1
NCBI Official Symbol	TNK1

NCBI Protein Information	non-receptor tyrosine-protein kinase TNK1
UniProt Protein Name	Non-receptor tyrosine-protein kinase TNK1
UniProt Gene Name	TNK1
UniProt Entry Name	TNK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tnk1-antibody-immunohistochemistry-western-blot-elisa/287819>